

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000777

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B60C 23/04 // H02J 17/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B60C, H02J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 09 3 September 2003 (2003-09-03) & JP 2003 151064 A (HONDA MOTOR CO LTD), 23 May 2003 (2003-05-23) abstract US2005/0068161 A, 31 March 2005 Corresponding to JP 2003151064 --	1-13
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no 9, 30 September 1996 (1996-09-30) & JP 8136383 A (YUHSIN CO LTD) 31 May 1996 (1996-05-31) abstract --	1-13

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

13 April 2005

Date of mailing of the international search report

15-04-2005

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Swedish Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACT OF JAPAN vol. 2000, no 12, 3 January 2001 (2001-01-03) & JP 2000 255229 A (HARNESS SYST TECH RES LTD ET AL), 19 September 2000 (2000-09-19) abstract --	1-13
A	US 4567459 A (JOSEF FOLGER ET AL), 28 January 1986 (28.01.1986), figure 1, abstract -- -----	1-13

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Information on patent family members

01/04/2005

International application No.

PCT/FI 2004/000777

US 4567459 A 28/01/1986

DE	3029563 A,C	25/02/1982
DE	3170398 D	00/00/0000
EP	0045401 A,B	10/02/1982
